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**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY  
TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the applications identified in the attached documents.

I hereby appoint:

David J. Goren, Reg. No. 34,609  
Elissa Y. Wang, Reg. No. 48,868  
Brian J. Gustafson, Reg. No. 52,978  
Jennifer A. Zanocco, Reg. No. 54,583  
Stefanie Howell, Reg. No. 45,929

Hans R. Troesch, Reg. No. 38,850  
Mark D. Kirkland, Reg. No. 40,048  
Tim H. Pham, Reg. No. 48,589  
Tamara Fraizer, Reg. No. 51,699  
Kelvin M. Vivian, Reg. No. 53,727

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

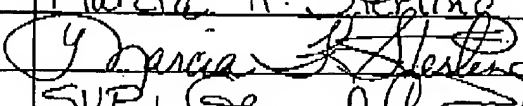
Assignee Name and Address:

Autodesk, Inc.  
111 McInnis Parkway  
San Rafael, California 94903

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Marcia K. Sterling		
Signature		Date	3/5/04
Title	SVP + General Counsel	Telephone	415/507-6749

Attorney's Docket No.: 15786-018001 / P047 -134067

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Somashekar Ramachandran  
SubrahmanyamArt Unit : 2121  
Examiner : Unknown

Serial No. : 10/651,452

Filed : August 29, 2003

Title : FACIAL CHARACTERISTIC BASED GENERATION OF FILLET WELD  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

OFFICIAL

CERTIFICATE UNDER 37 CFR §3.73(b)

Under 37 CFR §3.73(b) AUTODESK, INC., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

A chain of title from the inventor Somashekar Ramachandran Subrahmanyam of the patent application identified above, to the current assignee Autodesk, Inc. as shown in the attached copy of the Recordation Form Cover Sheet and Assignment

The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date: \_\_\_\_\_

4/29/04

Fish & Richardson P.C.  
500 Arguello Street, Suite 500  
Redwood City, California 94063  
Telephone: (650) 839-5070  
Facsimile: (650) 839-5071  
50212631.doc

Respectfully submitted,



Mark D. Kirkland, Reg. No. 40,048

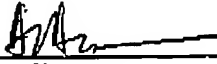
## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

Date of Transmission

4-29-04

Vicki Lorist

Form PTO-1595 (Rev. 10/02) OMB No. 0851-0027 (exp. 9/30/2005) Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Somashekar Ramachandran Subrahmanyam  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Autodesk, Inc.</u>  Internal Address: _____  Street Address: <u>111 McInnis Parkway</u>  City: <u>San Rafael</u> State: <u>CA</u> Zip: <u>94903</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>08/25/2003</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>08/25/2003</u> A. Patent Application No.(s) _____ B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Al AuYeung</u> Internal Address: <u>Schwabe Williamson &amp; Wyatt</u> <u>Suite 1900</u>  Street Address: <u>1211 SW Fifth Avenue</u>  City: <u>Portland</u> State: <u>OR</u> Zip: <u>97204</u>	6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <u>500393</u>	
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9. Signature.  <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <u>Aloysius T.C. AuYeung, Reg No. 35,432</u>            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: right;"> <u>August 29, 2003</u>            Date         </div> </div> <div style="text-align: right; margin-top: 5px;">         Total number of pages including cover sheet, attachments, and documents: <u>3</u> </div>		

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

Attorney Docket No. 109869-134067

Patent

**ASSIGNMENT**  
**(For Execution Prior To Filing Patent Application)**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

**ASSIGNOR(S):** Somashekar Ramachandran Subrahmanyam

hereby sell, assign, and transfer to

**ASSIGNEE:** Autodesk, Inc.  
111 McInnis Parkway  
San Rafael, CA 94903

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

***FACIAL CHARACTERISTIC BASED  
GENERATION OF FILLET WELD BEAD REPRESENTATION***

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths,

IPG No. P047

assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Inventor: Please  
indicate the date  
you signed the  
Combined  
Declaration And  
Power Of  
Attorney:**

**Inventor: Please sign and date below:**

08/25/2003  
Date

Somashekar  
Name: Somashekar Ramachandran Subrahmanyam

08/25/2003  
Date

**Assignment Document Return Address:**

Schwabe, Williamson & Wyatt, P.C.  
Pacwest Center, Suites 1600-1900  
1211 SW Fifth Avenue  
Portland, Oregon 97204  
Telephone: 503-222-9981

**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Brenda Leeds Binder is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Fish & Richardson P.C. law firm to prepare and prosecute patent applications wherein the patent applicant is the client of the Fish & Richardson P.C. law firm, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Fish & Richardson P.C. law firm. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Brenda Leeds Binder ceases to lawfully reside in the United States, (ii) Brenda Leeds Binder's employment with the Fish & Richardson P.C. law firm ceases or is terminated, or (iii) Brenda Leeds Binder ceases to remain or reside in the United States on a H1-B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

**Expires: July 16, 2004**



Harry I. Moatz

Director of Enrollment and Discipline